

All plastic cable ties

Standard cable ties – Natural



Characteristics

- The integrally formed Polyamide pawl combines low insertion and high locking strength
- A rounded, low-profile head makes for less snags
- Tails have improved two-sided finger grip design that helps the operator grasp and pull ties snug
- Sure Grip tab keeps the tail from popping out while being threaded, then holds it securely for final tightening by hand or tool
- Quick and easy pull through increases productivity, reduces operator fatigue

Technical information

- Material: Polyamide 6.6
- Temperature range: -40°C to +85°C (natural and colors, excl. UV-resistant black), -40°C to +105°C (black)
- Min. Installation Temp.: -20°C
- Approvals: MIL: MS 3367-x (see table)
- Flammability rating: UL 94 V-2
- Other properties: Halogen free, Silicone free



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Product code	GID No.	Bundle ø from ... to		Length L		Width W		Min. tensile strength [N]	Quantity [pieces]	MIL spec.
		[mm]	[in]	[mm]	[in]	[mm]	[in]			
Standard pack size										
TY100-18-100	7TCG054360R0073	1.5 - 25	0.06 - 0.98	115	4.53	2.4	0.09	80	1000	●
TY125-18-100	7TCG054360R0104	1.5 - 32	0.06 - 1.26	140	5.51	2.4	0.09	80	1000	-
TY150-18-100	7TAG054360R0149	1.5 - 38	0.06 - 1.50	157	6.18	2.4	0.09	80	1000	-
TY125-40-100*	7TAG054360R0123	1.5 - 32	0.06 - 1.26	143	5.63	3.6	0.14	180	1000	●
TY200-40-100	7TAG054360R0213	1.5 - 50	0.06 - 1.97	205	8.07	3.6	0.14	180	1000	-
TY300-40-100	7TCG054360R0240	1.5 - 76	0.06 - 2.99	292	11.50	3.6	0.14	180	1000	-
TY400-40-100	7TAG054360R0311	6.35 - 102	0.25 - 4.02	370	14.57	3.6	0.14	180	1000	-
TY125-50-100	7TAG054360R0144	1.5 - 32	0.06 - 1.26	163	6.42	4.8	0.19	220	1000	-
TY175-50-100	7TAG054360R0153	3.17 - 44	0.12 - 1.73	188	7.40	4.8	0.19	220	1000	●
TY225-50-100	7TCG054360R0230	3.17 - 57	0.12 - 2.24	228	8.98	4.8	0.19	220	1000	-
TY300-50-100	7TAG054360R0259	3.17 - 76	0.12 - 2.99	304	11.97	4.8	0.19	220	1000	●
TY400-50-100	7TAG054360R0315	3.17 - 102	0.12 - 4.02	365	14.37	4.8	0.19	220	1000	●
TY200-120-100	7TCG054360R0182	15 - 50	0.59 - 1.97	220	8.66	7.6	0.30	540	500	-
TY300-120-100	7TAG054360R0238	15 - 76	0.59 - 2.99	288	11.34	7.6	0.30	540	100	-
TY400-120-100	7TAG054360R0282	15 - 102	0.59 - 4.02	374	14.72	7.6	0.30	540	100	●
TY450-120-100	7TAG054360R0341	15 - 124	0.59 - 4.88	456	17.95	7.6	0.30	540	50	-
TY600-120-100	7TAG054360R0343	15 - 184	0.59 - 7.24	634	24.96	7.6	0.30	540	50	-
TY800-120-100	7TAG054360R0347	6.35 - 204	0.25 - 8.03	718	28.27	7.6	0.30	540	50	●

* Operation temperature: -30°C to +85°C

Description of product code structure: see page 67

Description of materials and properties: see pages 150 to 159

For tooling specifications: see pages 136 to 143

Tooling



ERG50

For use with 2.4mm to 4.8mm (80N to 220N) cable ties. See page 136.



ERG120

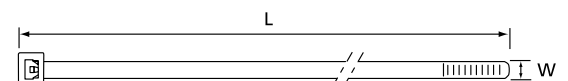
For use with 4.8mm to 7.6mm (220N to 540N) cable ties. See page 136.



WT3D

For use with 7.6mm (540N) cable ties. See page 136.

Dimensions



All plastic cable ties

Standard cable ties – Natural (continued)



Standard cable ties – Natural

Product code	GID No.	Bundle ø from ... to		Length L		Width W		Min. tensile strength [N]	Quantity [pieces]	MIL spec.
		[mm]	[in]	[mm]	[in]	[mm]	[in]			
Bulk pack size										
TY100-18	7TCG054360R0073	1.5 - 25	0.06 - 0.98	115	4.53	2.4	0.09	80	1000	
TY125-18	7TCG054360R0104	1.5 - 32	0.06 - 1.26	140	5.51	2.4	0.09	80	1000	-
TY150-18	7TAG054360R0149	1.5 - 38	0.06 - 1.50	157	6.18	2.4	0.09	80	1000	-
TY125-40*	7TAG054360R0123	1.5 - 32	0.06 - 1.26	143	5.63	3.6	0.14	180	1000	
TY200-40	7TAG054360R0213	1.5 - 50	0.06 - 1.97	205	8.07	3.6	0.14	180	1000	-
TY300-40	7TCG054360R0240	1.5 - 76	0.06 - 2.99	292	11.50	3.6	0.14	180	1000	-
TY400-40	7TAG054360R0311	6.35 - 102	0.25 - 4.02	370	14.57	3.6	0.14	180	1000	-
TY125-50	7TAG054360R0144	1.5 - 32	0.06 - 1.26	163	6.42	4.8	0.19	220	1000	-
TY175-50	7TAG054360R0153	3.17 - 44	0.12 - 1.73	188	7.40	4.8	0.19	220	1000	
TY225-50	7TCG054360R0230	3.17 - 57	0.12 - 2.24	228	8.98	4.8	0.19	220	1000	-
TY300-50	7TAG054360R0259	3.17 - 76	0.12 - 2.99	304	11.97	4.8	0.19	220	1000	
TY400-50	7TAG054360R0315	3.17 - 102	0.12 - 4.02	365	14.37	4.8	0.19	220	1000	
TY200-120	7TCG054360R0182	15 - 50	0.59 - 1.97	220	8.66	7.6	0.30	540	500	-
TY400-120	7TAG054360R0282	15 - 102	0.59 - 4.02	374	14.72	7.6	0.30	540	500	

* Operation temperature: -30°C to +85°C

Description of product code structure: see page 67

Description of materials and properties: see pages 150 to 159

For tooling specifications: see pages 136 to 143

Tooling



ERG50

For use with 2.4mm to 4.8mm (80N to 220N) cable ties. See page 136.



ERG120

For use with 4.8mm to 7.6mm (220N to 540N) cable ties. See page 136.



WT3D

For use with 7.6mm (540N) cable ties. See page 136.

Dimensions

